

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**VII Semester Bachelor of Occupational Therapy Degree Examination – 06-May-2026**

**Time: Three Hours**

**Max. Marks: 100**

**OCCUPATIONAL THERAPY IN NEUROLOGICAL CONDITIONS (RS)**

**Q.P. CODE: 3437**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

**LONG ESSAYS (Answer any Two)**

**2 x 10 = 20 Marks**

1. Describe the principles of PNF. Explain in detail about the various techniques of proprioceptive neuromuscular facilitation
2. Describe the clinical feature and OT management of Parkinson's disease
3. Describe Rancho Los Amingo scale. Explain in detail the role of occupational therapy for the patient with traumatic brain injury in second stage of Rancho Los Amingo scale

**SHORT ESSAYS (Answer any Ten)**

**10 x 5 = 50 Marks**

4. Principles of treatment for Inco-ordination
5. Principles of NDT/Bobath approach towards adult stroke patient
6. Brunstrom stages of upper extremity recovery
7. Glasgow coma scale
8. Subtypes of Amyotrophic Lateral Sclerosis (ALS)
9. Cognitive perceptual functions
10. Ontogenic patterns in ROOD's approach
11. Transfer techniques in paraplegia
12. Discuss the stages of swallowing
13. Discuss specific occupational therapy interventions for chorea in patients with Huntington's disease
14. Frenicle's exercises
15. Discuss Neurorehabilitation evaluation format used in occupational therapy

**SHORT ANSWERS (Answer any Ten)**

**10 x 3 = 30 Marks**

16. Define myasthenia gravis
17. Activities to improve co-ordination
18. Four types of rigidity
19. Activities to improve dynamic balance for stroke
20. Unilateral neglect
21. Dysmetria
22. Nystagmus
23. Purdue pegboard test
24. Define proprioception
25. List four functions of frontal lobe
26. Tapping techniques
27. Reflex Arc

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